In re: Appln No. **10/050,838**
Amendment dated August 1, 2006
Reply to Office action of May 25, 2006 and Advisory action of July 28, 2006

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A communication system <u>for dynamically routing communications of</u> ~~comprising a combination of (A)~~ a wireless end-user communication device ~~with~~ <u>comprised of</u> ~~two separate transceivers and~~ a unique access number <u>and</u> ~~(B) said transceivers with~~ both a short-range wireless transceiver and long-range wireless transceiver <u>to communicate through one communication access point selected from amongst multiple available short-range and long-range access points whereby the routing is determined by</u> ~~and, (C)~~ a communication management system <u>controlled by an</u> ~~comprised of at least one~~ algorithm <u>to dynamically switch routing after establishing the initial communications routing between the short-range and long-range transceiver, and respectively between the short-range and long-range access point in order to achieve at least one benefit selected from the group consisting of</u> ~~initiated after establishing the initial communications link or communication device address within one communication session selected from the group consisting of algorithms for dynamic communications routing, communication device address switching between short-range and long-range transceivers,~~ minimizing switching time between <u>a short-range and long-range transceiver, and respectively between a short-range and long-range access point,</u> ~~at least one selected from the group of communications link, address, or routing,~~ minimizing ~~switching~~ frequency <u>of switching between a short-range and long-range transceiver, and respectively between a short-range and long-range access point</u> ~~between communications link,~~ minimizing ~~customer~~ <u>end-user</u> cost, or combinations thereof.

2. (canceled)

3. (currently amended) The communication system according to claim 1, <u>whereby the communication management system is</u> further comprised of algorithm to dynamically ~~establish~~ <u>route</u> communication link ~~with~~ <u>for</u> end-user communication device based on <u>at least one parameter</u> ~~parameters~~ <u>selected from the group consisting of</u> ~~including~~ a lookup table indexed by both call terminator and call originator access numbers ~~for functions including~~ <u>, a</u> sequential prioritization <u>lookup table</u> of access numbers ~~by a routing manager that is optionally a further~~

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~~function of a time~~ , a time of day and calendar schedule or database, said end-user communication device's precise geographic location, said end-user communication device's availability of short-range transceiver, or combinations thereof.

4. (canceled)

5. (canceled)

6. (currently amended) The communication system ~~management~~ according to claim 1, wherein the algorithm to dynamically switch routing after establishing the initial communications routing utilizes thresholds ~~in its dynamic switching including thresholds~~ selected from the group consisting of end-user communication device's local threshold to dynamically switch routing ~~that enables dynamic switching~~ between available short-range access points ~~channel managers~~, communication management system's remote threshold ~~that enables dynamic switching~~ to dynamically switch routing between available long-range access points ~~channel managers~~, communication management system's seamless threshold ~~that enables dynamic switching~~ to dynamically switch routing between available short-range and available long-range communication access points ~~channel managers~~, or combinations thereof.

7. (canceled)

8. (canceled)

9. (canceled)

10. (currently amended) The communication system ~~management~~ according to claim 1, wherein the ~~algorithms dynamically select a new end-user communication device address~~ algorithm to dynamically switch routing after establishing the initial communications routing ~~utilizing~~ utilizes parameters selected from the group consisting of time to ~~register a~~ register an end-user communication device's new ~~dynamic~~ communication address, communications latency times, routing capacity availability, membership privileges, rate of signal strength deterioration or increase, or combinations thereof.

11. (canceled)

12. (canceled)

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13. (currently amended) The communication ~~management~~ system of claim 1, further comprised of ~~at least one selected from the group consisting of caller~~ a caller identification system communicating to end-user communication device both the call originator and the desired call terminator access numbers, ~~dynamic communications link routing in accordance to a time of day and calendar schedule, or combinations thereof~~.

14. (currently amended) The communication ~~management~~ system according to claim 1, wherein the end-user communication device serves multiple terminator access numbers concurrently and the end-user communication device's original call terminator access number dynamically varies at least one end-user communication device function ~~said communication device's functionality including functions~~ selected from the group consisting of ring function ~~distinct ring to distinguish between the~~ to provide a unique ring for each original call terminator access number, voice mail function to provide a unique voice mail for each original call terminator access number, or to provide communications routing to available access points independent of quality of service and dependent on the original call terminator access number. ~~routing to voice mail, and quality of service independent screening in and screening out filters for establishing a communications link.~~

15. (currently amended) The communication ~~management~~ system according to claim 3 ~~claim 1~~, wherein the end-user communication device geographic location is determined by a method selected ~~the step of selecting~~ from the group consisting of utilizing the known geographic location of access point ~~channel manager~~, triangulation of signal strengths from multiple ~~channel managers~~ access points with their known location, utilizing end-user communication device's global positioning system, end-user communication device's utilizing local positioning system, or combinations thereof.

16. (currently amended) The communication ~~management~~ system according to claim 3 ~~claim 1~~, wherein the end-user communication device precise geographic location is a parameter for communication management system to dynamically ~~initiating~~ initiate functions including functions selected from the group consisting of ~~said communication management system~~ ~~displaying~~ display graphically the end-user communication device precise geographic location to specified and authorized parties, ~~conveying~~ convey geographic specific messages on the end-user

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communication device including ~~the issuance of~~ welcome, safety, or marketing messages, receive ~~receiving said~~ end-user communication device profile information, issue ~~issuance of~~ coupons, issue acknowledgement of said end-user communication device registration, convey end-user communication device profile information including or excluding ~~information containing said~~ precise geographic location to any third party, enable or disable ~~enabling or disabling the~~ end-user communication device's short-range transceivers, or combinations thereof.

17. (canceled)

18. (canceled)

19. (canceled)

20. (currently amended) The communication ~~management~~ system according to claim 1, wherein the end-user communication device communicates context sensitive information according to both geographic precise location and ~~utilizes~~ an integrated data scanner ~~to trigger specific messages with geographic precise location context sensitive information~~ between said end-user communication device and ~~channel manager~~ access point whereby the data scanners include ~~including~~ data scanners selected from the group consisting of bar code scanner, radio frequency identification tags reader, optical readers, or infrared transceiver.

21. (currently amended) A communication system comprising a combination of an end-user communication device having ~~means~~ method to determine a precise geographic location, and a communication management system ~~comprised of at least one selected from the group consisting of an~~ algorithm ~~, database, or combinations thereof having~~ to dynamically ~~varying~~ vary functionality of said end-user communication device ~~as a function of at least one selected from the group consisting of said end-user communication~~ according to the device's precise geographic location ~~, said end-user communication device's precise geographic location and time of day and calendar schedule, said end-user communication device's precise geographic location and profile information of additional end-user communication device's within communication range, or combinations thereof~~.

22. (currently amended) The communication system of claim 21, further comprised of ~~at least one selected from the group consisting of caller~~ a caller identification system communicating to end-user communication device both the call originator and the desired call terminator access numbers, ~~dynamic communications link routing in accordance to a time of day and calendar schedule, or combinations thereof.~~

23. (currently amended) The communication system according to claim 21, wherein the end-user communication device geographic location is determined by a method selected ~~the step of selecting~~ from the group consisting of utilizing the known geographic location of access point ~~channel manager~~, triangulation of signal strengths from multiple ~~channel managers~~ access points with their known location, utilizing end-user communication device's global positioning system, utilizing end-user communication device's local positioning system, or combinations thereof.

24. (currently amended) The communication system according to claim 21, wherein the end-user communication device precise geographic location is a parameter for communication management system to dynamically ~~initiating~~ initiate functions including functions selected from the group consisting of ~~said communication management system~~ ~~displaying~~ display graphically the end-user communication device precise geographic location to specified and authorized parties, ~~conveying~~ convey geographic specific messages on the end-user communication device including ~~the issuance of~~ welcome, safety, or marketing messages, receive ~~receiving said~~ end-user communication device profile information, issue ~~issuance of~~ coupons, issue acknowledgement of said end-user communication device registration, convey end-user communication device profile information including or excluding ~~information containing said~~ precise geographic location to any third party, enable or disable ~~enabling or disabling the~~ end-user communication device's short-range transceivers, or combinations thereof.

25. (currently amended) The communication system according to claim 21, wherein the end-user communication device communicates context sensitive information according to both geographic precise location and ~~utilizes~~ an integrated data scanner ~~to trigger specific messages with geographic precise location context sensitive information~~ between said end-user communication device and ~~channel manager~~ access point whereby the data scanners include ~~including~~ data

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scanners selected from the group consisting of bar code scanner, radio frequency identification tags reader, optical readers, or infrared transceiver.

26. (currently amended) A communication system comprised of ~~at least one selected from the group consisting of caller~~ a caller identification system communicating to end-user communication device both the call originator and the desired call terminator access numbers, ~~dynamic communications link routing in accordance to a time of day and calendar schedule, or combinations thereof~~.

27. (currently amended) The communication system ~~of~~ according to claim 26, further comprising a combination of an end-user communication device having ~~means~~ method to determine a precise geographic location, and a communication management system ~~comprised of at least one selected from the group consisting of an~~ algorithm ~~, database, or combinations thereof having~~ to dynamically ~~varying~~ vary functionality of said end-user communication device ~~as a function of at least one selected from the group consisting of said end-user communication~~ according to the device's precise geographic location ~~, said end-user communication device's precise geographic location and time of day and calendar schedule, said end-user communication device's precise geographic location and profile information of additional end-user communication device's within communication range, or combinations thereof~~.

28. (currently amended) The communication system according to claim 26, wherein the end-user communication device serves multiple terminator access numbers concurrently and the end-user communication device's original call terminator access number dynamically varies at least one end-user communication device function ~~said communication device's functionality including functions~~ selected from the group consisting of ring function ~~distinct ring to distinguish between the~~ to provide a unique ring for each original call terminator access number, voice mail function to provide a unique voice mail for each original call terminator access number, or to provide communications routing to available access points independent of quality of service and dependent on the original call terminator access number. ~~routing to voice mail, and quality of service independent screening in and screening out filters for establishing a communications link.~~

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29. (currently amended) The communication system according to claim 26, wherein the end-user communication device geographic location is determined by a method selected ~~the step of selecting~~ from the group consisting of utilizing the known geographic location of access point ~~channel manager~~, triangulation of signal strengths from multiple ~~channel managers~~ access points with their known location, utilizing end-user communication device's global positioning system, utilizing end-user communication device's local positioning system, or combinations thereof.

30. (currently amended) The communication system according to claim 26, wherein the end-user communication device precise geographic location is a parameter for communication management system to dynamically ~~initiating~~ initiate functions including functions selected from the group consisting of ~~said communication management system~~ ~~displaying~~ display graphically the end-user communication device precise geographic location to specified and authorized parties, ~~conveying~~ convey geographic specific messages on the end-user communication device including ~~the issuance of~~ welcome, safety, or marketing messages, receive ~~receiving said~~ end-user communication device profile information, issue ~~issuance of~~ coupons, issue acknowledgement of said end-user communication device registration, convey end-user communication device profile information including or excluding ~~information containing said~~ precise geographic location to any third party, enable or disable ~~enabling or disabling the~~ end-user communication device's short-range transceivers, or combinations thereof.

31. (currently amended) The communication system according to claim 26, wherein the end-user communication device communicates context sensitive information according to both geographic precise location and ~~utilizes~~ an integrated data scanner ~~to trigger specific messages with geographic precise location context sensitive information~~ between said end-user communication device and ~~channel manager~~ access point whereby the data scanners include ~~including~~ data scanners selected from the group consisting of bar code scanner, radio frequency identification tags reader, optical readers, or infrared transceiver.